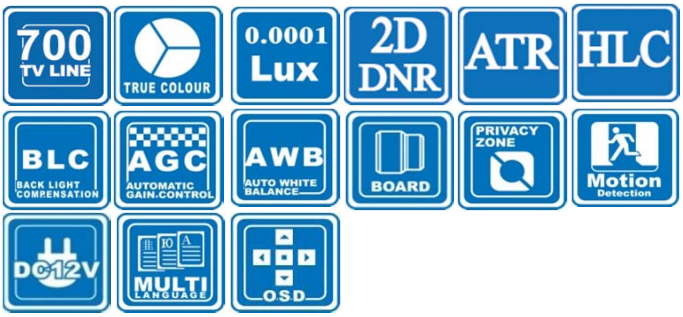
KT&C, Inc.

STAND BEHIND OUR PRODUCTS

Part No.: KPC-E23NU

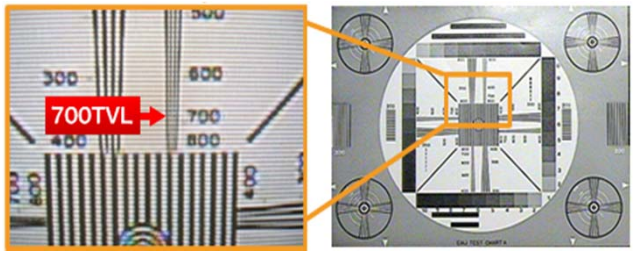
High Quality Mini Square Camera

- 1/3” 960H SONY ExView HAD CCD II
- 700TVL Horizontal Resolution
- Min. Illumination of 0.0001 Lux
- 2D Digital Noise Reduction (2D-DNR)
- Adaptive Tone Reproduction (D-WDR)
- Privacy Masking (8 Zones)
- Ultra Compact Size of 0.90”(Ø) Dimension
- Multilingual On Screen Display (OSD) Menu



Key Features

- 1/3” 960H SONY ExView HAD CCD II
- 700TVL Horizontal Resolution
- Fast Shutter Speed (1/60 ~ 1/100,000 sec)
- 2D Digital Noise Reduction (2D DNR)
- Adaptive Tone-curve Reproduction (Digital WDR)
- Back Light Compensation (BLC)
- Highlight Compensation (HLC)
- 4-Zone (Privacy Masking / Motion Detection)
- Mirror / Brightness / Contrast / Sharpness / Hue / Gain
- Multilingual On Screen Display (OSD) Menu
- DC 12V



Adaptive Tone-curve Reproduction (D-WDR)

ATR enhances the image quality between two contrasting light sources. It compen sates for the dark and bright images without any saturation to obtain the best possi ble picture.

NORMAL . BLC ATR ON

2D Digital Noise Reduction (2D DNR)

The amount of low luminance noise if remarkably reduced and signal-to-noise ratio (S/N) as well as horizontal resolution dramatically improved, it results in a clear and sharp image display even in the dark lighting condition.

High Color Reproduction

KPC-E23NU is equipped with more excellent color reproduction with wide range of ATW. (1,800K to 10,500K)

Color Chart Under Halogen Lamp

Still Object under Artificial Sunlight

Conventional KPC-E23NU

* Specifications & Features are subject to change without prior notice.

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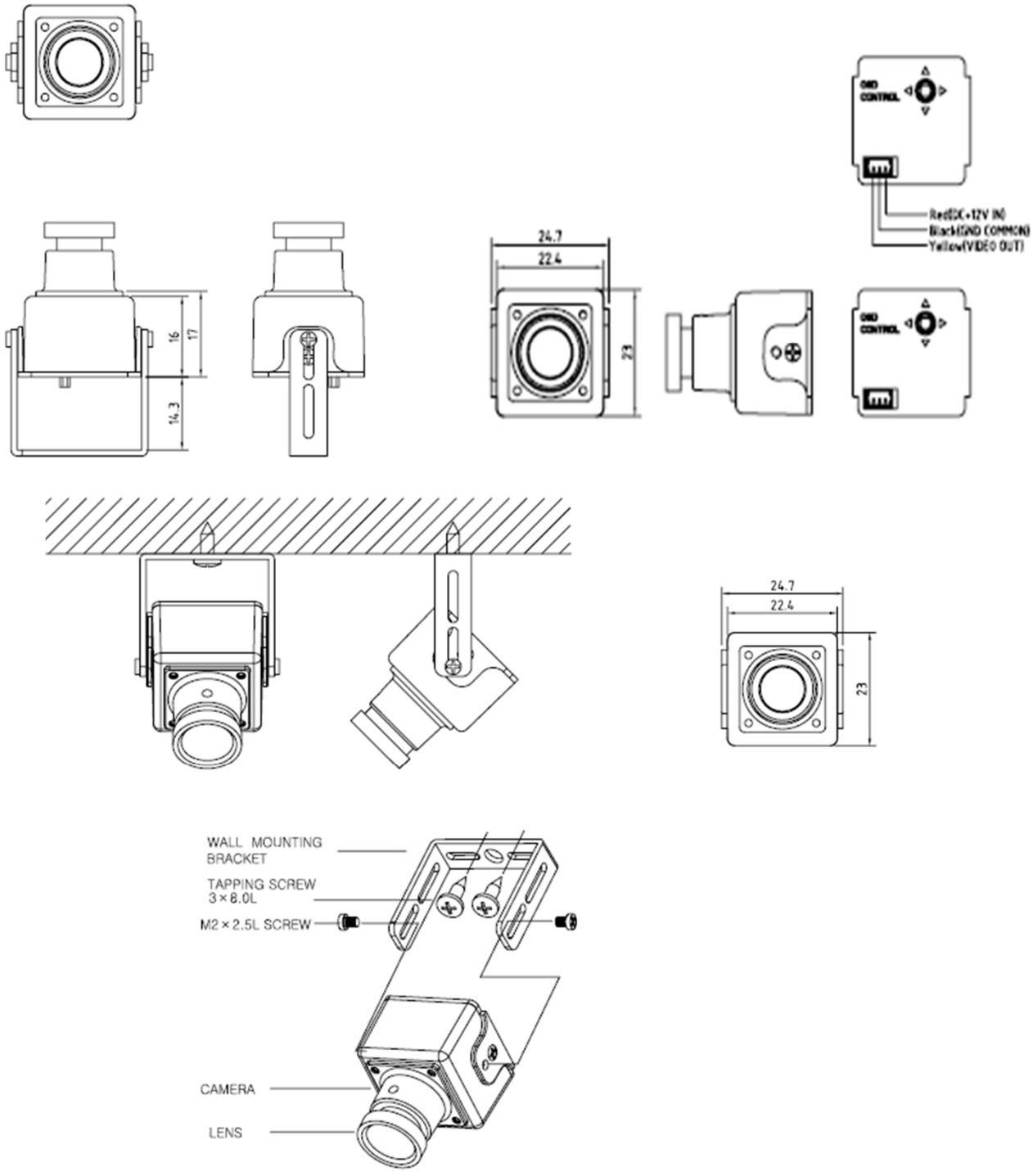
Part No.: KPC-E23NU

General Feature Diagram



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Part No.: KPC-E23NU

Technical Specification

Model		KPC-E23NU
Signal System		NTSC
Image Sensor		1/3” 960H SONY ExView HAD CCD II
Scanning System		2:1 Interlace
Scanning Frequency (H) x (V)		15.734 KHz X 59.94 Hz
Total Pixels		1020(H) × 508(V)
Effective Pixels		976(H) × 494(V)
Synchronization		Internal
Horizontal Resolution		700 TV Lines
Lens		Fixed Board Lens 2.97mm, 3.6mm, 4.3mm, 6.0mm, 8.0mm, 16mm
S/N		More than 50dB (AGC Off)
Min. Illumination		0.0001 Lux / Faceplate
Shutter Speed		1/60 ~ 1/100,000 sec
Video Output Level		1.0 Vp-p Composite (75Ω)
Gamma		γ= 0.45
Operating Temperature		-10 ˚C ~ 50 ˚C (14 ˚F ~ 122 ˚F)
Storage Temperature		-20 ˚C ~ 60 ˚C (-4 ˚F ~ 140 ˚F)
Humidity		10% ~ 80%
Function	On-Screen Display (OSD)	Built-in (Inner Key / Joystick)
	BLC	Off / BLC / HLC
	2DNR	On / OFF (Level Adjustable)
	ATR	On / OFF (Level Adjustable)
	White Balance	ATW / Push / User1 / User2 / Anti CR / Manual / Push-lock
	Privacy Masking	4 Zones
	Mirror	On / Off
	Motion Detection	4 Zones
	Language Option	English / Japanese / German / French / Russian / Portuguese / Spanish
Power Supply		DC 12V (Max 110mA)

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